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(71) Applicant: **CANON INC**

(72) Inventor: **CHIBA MASAHIRO
HIKUMA MASAHIKO
MOROHOSHI NAOYA**

(74) Representative:

(54) **RECORDING MATERIAL**

(57) Abstract:

PURPOSE: To obtain excellent ink absorptivity and fixability, by providing an ink transport layer and an ink-holding layer, and setting the melting temperature of the ink transport layer to be not lower than a specified temperature.

CONSTITUTION: A recording material comprises a base as a support, an ink-holding layer provided on the support to absorb or trap a recording liquid or a recording agent, and an ink transport layer provided on the ink-holding layer to directly accept the recording liquid but have a liquid-passing property so that the recording agent can not remain therein. When the melting temperature of the ink transport layer is set to be at least 50°C, the layer has excellent coated film strength, does not show surface tackiness or blocking even

under high-humidity conditions, and images with clear density can be obtained. The ink transport layer comprises particles non-dyeable with the recording agent and a binder. The non-dyeable particles may be at least one kind of particles of an organic resin such as a thermoplastic resin and a thermosetting resin or a powder of an inorganic pigment treated to be nonporous. The binder may be polyvinyl alcohol, an acrylic resin, a styrene-acryl copolymer or the like. The recording material has excellent ink absorptivity, free from disorder in images, and capable of being used for high-speed recording.

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